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# OM protein - protein search, using sw model

Run on: August 28, 2003, 18:31:03 ; Search time 6.09091 Seconds  
(without alignments)  
41.679 Million cell updates/sec

Title: US-09-743-225-1

Perfect score: 30

Sequence: 1 LKTRPV 6

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_AA.\*

- 1: /cgn2.6/ptodata/1/1aa/5A-COMB.pep.\*
- 2: /cgn2.6/ptodata/1/1aa/5B-COMB.pep.\*
- 3: /cgn2.6/ptodata/1/1aa/6A-COMB.pep.\*
- 4: /cgn2.6/ptodata/1/1aa/6B-COMB.pep.\*
- 5: /cgn2.6/ptodata/1/1aa/PCTUS-COMB.pep.\*
- 6: /cgn2.6/ptodata/1/1aa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	30	100.0	423	4	US-09-656-002-2
2	30	100.0	435	3	US-09-008-271A-6
3	28	93.3	308	4	US-09-369-247-60
4	28	93.3	459	4	US-09-252-991A-23321
5	28	93.3	468	4	US-09-292-087-2
6	28	93.3	3457	2	US-08-416-603-4
7	27	90.0	38	2	US-08-530-290-17
8	27	90.0	3443	3	US-08-416-603-2
9	26	86.7	19	3	US-09-230-421-13
10	26	86.7	89	3	US-08-946-026-2
11	26	86.7	106	4	US-09-857-556A-14
12	26	86.7	144	3	US-09-230-421-3
13	26	86.7	318	4	US-09-252-991A-17174
14	26	86.7	331	4	US-09-711-681-4
15	26	86.7	341	1	US-07-748-783-4
16	26	86.7	341	1	US-08-166-818-4
17	26	86.7	408	4	US-09-252-991A-21303
18	26	86.7	415	4	US-09-134-001C-3481
19	26	86.7	424	4	US-09-661-711A-14
20	26	86.7	432	3	US-09-118-319-2
21	26	86.7	458	4	US-09-857-556A-32
22	26	86.7	483	3	US-09-049-672A-5
23	26	86.7	521	4	US-09-661-711A-18
24	26	86.7	531	4	US-09-661-711A-16
25	26	86.7	551	4	US-09-661-711A-12
26	26	86.7	561	4	US-09-812-079A-2
27	26	86.7	579	4	US-09-171-699-6

28	26	86.7	579	4	US-09-171-699-8	Sequence 8, Appli
29	26	86.7	615	4	US-09-388-743-2	Sequence 2, Appli
30	26	86.7	631	1	US-08-605-541B-12	Sequence 12, Appl
31	26	86.7	648	4	US-09-252-991A-20128	Sequence 20128, A
32	26	86.7	676	4	US-09-107-532A-6028	Sequence 6028, Ap
33	26	86.7	753	3	US-08-942-686-2	Sequence 2, Appli
34	26	86.7	887	1	US-08-215-709-1	Sequence 1, Appli
35	25	83.3	71	4	US-09-252-991A-28732	Sequence 28732, A
36	25	83.3	170	4	US-09-252-991A-20681	Sequence 20681, A
37	25	83.3	211	4	US-09-252-991A-27224	Sequence 27224, A
38	25	83.3	233	4	US-09-252-991A-17197	Sequence 17197, A
39	25	83.3	272	4	US-09-328-352-7995	Sequence 7995, Ap
40	25	83.3	307	3	US-08-996-338-25	Sequence 25, Appl
41	25	83.3	307	4	US-09-556-972-25	Sequence 25, Appl
42	25	83.3	314	3	US-09-188-930-193	Sequence 193, App
43	25	83.3	314	4	US-09-312-283C-193	Sequence 193, App
44	25	83.3	316	3	US-09-188-930-337	Sequence 337, App
45	25	83.3	316	4	US-09-312-283C-337	Sequence 337, App

## ALIGNMENTS

RESULT 1  
US-09-656-002-2  
; Sequence 2, Application US/09656002  
; Patent No. 6455668  
; GENERAL INFORMATION:  
; APPLICANT: Mack, David  
; APPLICANT: Gish, Kurt  
; APPLICANT: Wilson, Keith  
; TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSING COLORECTAL CANCER, COMPOSITIONS, A  
; TITLE OF INVENTION: OF SCREENING FOR COLORECTAL CANCER MODULATORS  
; FILE REFERENCE: A-69108/DUB/JUD/AMS  
; CURRENT APPLICATION NUMBER: US/09/656,002  
; CURRENT FILING DATE: 2000-09-06  
; PRIOR APPLICATION NUMBER: US 09/525,993  
; PRIOR FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: US 09/493,444  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: PCT/US 00/07044  
; PRIOR FILING DATE: 2000-03-15  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2  
; LENGTH: 423  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-656-002-2

Query Match 100.0%; Score 30; DB 4; Length 423;  
Best Local Similarity 100.0%; Pred. No. 74;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LKTRPV 6

Db 186 LKTRPV 191

## RESULT 2

US-09-008-271A-6  
; Sequence 6, Application US/09008271A  
; Patent No. 6203979  
; GENERAL INFORMATION:  
; APPLICANT: Bandman, Olga  
; Hillman, Jennifer L.  
; Yue, Henry  
; Guegler, Karl J.  
; Corley, Neil C.  
; Tang, Tom Y.  
; Shah, Purvi  
; TITLE OF INVENTION: HUMAN PROTEASE MOLECULES  
; NUMBER OF SEQUENCES: 24

;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Incyte Pharmaceuticals, Inc.  
;; STREET: 3174 Porter Dr.  
;; CITY: Palo Alto  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 94304  
;; MEDIUM TYPE: Diskette  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: DOS  
;; SOFTWARE: FASTSEQ for Windows Version 2.0  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/008,271A  
;; FILING DATE: 16-Jan-1998  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: <Unknown>  
;; FILING DATE: <Unknown>  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Mohan-Peterson, Sheela  
;; REGISTRATION NUMBER: 41,201  
;; REFERENCE/DOCKET NUMBER: PF-0458 US  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 650-855-0555  
;; TELEFAX: 650-845-4166  
;; INFORMATION FOR SEQ ID NO: 6:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 435 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; IMMEDIATE SOURCE:  
;; LIBRARY: COLNOR13  
;; CLONE: 1337018  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 6 :  
US-09-008-271A-6

Query Match 100.0%; Score 30; DB 3; Length 435;  
Best Local Similarity 100.0%; Pred. No. 75;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LKTPRV 6  
DB 198 LKTPRV 203

RESULT 3  
US-09-369-247-60  
; Sequence 60, Application US/09369247  
; Patent No. 6569992  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: 44 Human Secreted Proteins  
; FILE REFERENCE: P2024P1  
; CURRENT APPLICATION NUMBER: US/09/369,247  
; CURRENT FILING DATE: 1999-08-05  
; EARLIER APPLICATION NUMBER: 60/074,118  
; EARLIER FILING DATE: 1998-02-09  
; EARLIER APPLICATION NUMBER: 60/074,157  
; EARLIER FILING DATE: 1998-02-09  
; EARLIER APPLICATION NUMBER: 60/074,137  
; EARLIER FILING DATE: 1998-02-09  
; EARLIER APPLICATION NUMBER: 60/074,341  
; EARLIER FILING DATE: 1998-02-09  
; EARLIER APPLICATION NUMBER: 60/074,141  
; EARLIER FILING DATE: 1998-02-09  
; NUMBER OF SEQ ID NOS: 172  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 60  
; LENGTH: 308  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:

;; NAME/KEY: SITE  
;; LOCATION: (165)  
;; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
;; FEATURE:  
;; NAME/KEY: SITE  
;; LOCATION: (247)  
;; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
;; FEATURE:  
;; NAME/KEY: SITE  
;; LOCATION: (308)  
;; OTHER INFORMATION: Xaa equals stop translation  
US-09-369-247-60

Query Match 93.3%; Score 28; DB 4; Length 308;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LKTPRV 6  
DB 159 MKTPRV 164

RESULT 4  
US-09-252-991A-23321  
; Sequence 23321, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 23321  
; LENGTH: 459  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-23321

Query Match 93.3%; Score 28; DB 4; Length 459;  
Best Local Similarity 83.3%; Pred. No. 2.2e+02;  
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LKTPRV 6  
DB 221 IKTPRV 226

RESULT 5  
US-09-292-097-2  
; Sequence 2, Application US/09292097B  
; Patent No. 6322977  
; GENERAL INFORMATION:  
; APPLICANT: Lal, Preeti  
; APPLICANT: Kaser, Matthew, R.  
; APPLICANT: Baughn, Mariah, R.  
; TITLE OF INVENTION: TAPASIN-LIKE PROTEIN  
; FILE REFERENCE: PC-0002 US  
; CURRENT APPLICATION NUMBER: US/09/292,097B  
; CURRENT FILING DATE: 1999-04-14  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PERL Program  
; SEQ ID NO 2  
; LENGTH: 468  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: 103348CD1

US-09-292-097-2

Query Match 93.3%; Score 28; DB 4; Length 468;  
Best Local Similarity 83.3%; Pred. No. 2.2e+02;  
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LKTPRV 6  
Db 159 MKTPRV 164

RESULT 6

US-08-416-603-4

; Sequence 4, Application US/08416603  
; Patent No. 5866780  
; GENERAL INFORMATION:  
; APPLICANT: Law, Marcus  
; APPLICANT: Hebara, Ledare  
; APPLICANT: Reddick, Bradford B.  
; TITLE OF INVENTION: Maize Chlorotic Dwarf Virus Genome and  
; TITLE OF INVENTION: Uses Therefor  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Saliwanchik & Saliwanchik  
; STREET: 2421 N.W. 41st Street, Suite A-1  
; CITY: Gainesville  
; STATE: FL  
; COUNTRY: USA  
; ZIP: 32606

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30B  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/416.603  
FILING DATE:

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:

NAME: Lloyd, Jeffrey  
REGISTRATION NUMBER: 35,589  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 904-375-8100

INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3457 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein

US-08-416-603-4

Query Match 93.3%; Score 28; DB 2; Length 3457;  
Best Local Similarity 83.3%; Pred. No. 1.7e+03;  
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LKTPRV 6  
Db 1746 MKTPRV 1751

RESULT 7

US-08-530-290-17

; Sequence 17, Application US/08530290  
; Patent No. 5958721  
; GENERAL INFORMATION:

APPLICANT: Marshall, Christopher John  
APPLICANT: Ashworth, Alan

APPLICANT: Hughes, David Anthony  
TITLE OF INVENTION: Methods for Screening of Substances for  
TITLE OF INVENTION: Therapeutic Activity and Yeast for Use Therein  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/530.290  
FILING DATE: 14-DEC-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/GB94/00694

FILING DATE: 31-MAR-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9402573.1

FILING DATE: 10-FEB-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9307250.2

FILING DATE: 07-APR-1993

ATTORNEY/AGENT INFORMATION:

NAME: Bastian, Kevin L.

REGISTRATION NUMBER: 34,774

REFERENCE/DOCKET NUMBER: 084611-0000000US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 38 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-530-290-17

Query Match 90.0%; Score 27; DB 2; Length 38;  
Best Local Similarity 83.3%; Pred. No. 27;  
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LKTPRV 6  
Db 27 LKTPRV 32

RESULT 8

US-08-416-603-2

; Sequence 2, Application US/08416603  
; Patent No. 5866780  
; GENERAL INFORMATION:

APPLICANT: Law, Marcus

APPLICANT: Hebara, Ledare

APPLICANT: Reddick, Bradford B.

TITLE OF INVENTION: Maize Chlorotic Dwarf Virus Genome and

TITLE OF INVENTION: Uses Therefor

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: Saliwanchik & Saliwanchik

STREET: 2421 N.W. 41st Street, Suite A-1

CITY: Gainesville

STATE: FL

COUNTRY: USA

ZIP: 32606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30B

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/416.603

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;
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lloyd, Jeffrey
; REGISTRATION NUMBER: 35,589
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 904-375-8100
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3443 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-416-603-2

Query Match          90.0%; Score 27; DB 2; Length 3443;
Best Local Similarity 66.7%; Pred. No. 2.8e+03;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 LKTPRV 6
Db      1760 MKTPRI 1765

RESULT 9
US-09-230-421-13
; Sequence 13, Application US/09230421
; Patent No. 6200577
; GENERAL INFORMATION:
; APPLICANT: Medical Research Council
; TITLE OF INVENTION: ANTI-HERPESVIRAL ALENTS AND ASSAYS
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: P18189C
; CURRENT APPLICATION NUMBER: US/09/230,421
; CURRENT FILING DATE: 1999-01-25
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: SYNTHETIC PEPTIDES DERIVED FROM THE VP22TRUNC
; OTHER INFORMATION: SEQUENCE
; US-09-230-421-13

Query Match          86.7%; Score 26; DB 3; Length 19;
Best Local Similarity 100.0%; Pred. No. 22;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 KTRPV 6
Db      12 KTRPV 16

RESULT 10
US-08-946-026-2
; Sequence 2, Application US/08946026
; Patent No. 6034218
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Dillon, David C.
; APPLICANT: Twardzik, Daniel R.
; APPLICANT: Mitcham, Jennifer L.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR IMMUNOTHERAPY
; TITLE OF INVENTION: AND IMMUNODIAGNOSIS OF PROSTATE CANCER
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED AND BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
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; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/946,026
; FILING DATE: 07-OCT-1997
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.424C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 89 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; US-08-946-026-2

Query Match          86.7%; Score 26; DB 3; Length 89;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LKTPR 5
Db      66 LKTPR 70

RESULT 11
US-09-857-556A-14
; Sequence 14, Application US/09857556A
; Patent No. 6558915
; GENERAL INFORMATION:
; APPLICANT: Rebecca E. Cahoon
; APPLICANT: Sean J. Coughlan
; APPLICANT: Yong Tao
; APPLICANT: Zude Weng
; APPLICANT: Mark E. Williams
; TITLE OF INVENTION: Plant 1-Deoxy-Xylulose 5-Phosphate Synthase
; FILE REFERENCE: BB1290
; CURRENT APPLICATION NUMBER: US/09/857,556A
; CURRENT FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/110,779
; PRIOR FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 14
; LENGTH: 106
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: (105)
; OTHER INFORMATION: Xaa - ANY AMINO ACID
; US-09-857-556A-14

Query Match          86.7%; Score 26; DB 4; Length 106;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LKTPR 5
Db      34 LKTPR 38

RESULT 12
US-09-230-421-3
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; Sequence 3, Application US/092330421
; Patent No. 6200577
; GENERAL INFORMATION:
; APPLICANT: Medical Research Council
; TITLE OF INVENTION: ANTI-HERPESVIRAL ALENTS AND ASSAYS
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: P18189C
; CURRENT APPLICATION NUMBER: US/09/230,421
; CURRENT FILING DATE: 1999-01-25
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: SYNTHETIC PEPTIDES DERIVED FROM THE VP22TRUNC
US-09-230-421-3

Query Match      86.7%; Score 26; DB 3; Length 144;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 KTRPV 6
Db      137 KTRPV 141
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RESULT 13
US-09-252-991A-17174
; Sequence 17174, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 17174
; LENGTH: 318
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-17174

Query Match      86.7%; Score 26; DB 4; Length 318;
Best Local Similarity 66.7%; Pred. No. 4e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LKTRPV 6
Db      14 LTRPRI 19
      |||||

RESULT 14
US-09-711-681-4
; Sequence 4, Application US/09711681
; Patent No. 6503743
; GENERAL INFORMATION:
; APPLICANT: LADUNGA, Steven et al.
; TITLE OF INVENTION: Isolated Human Secreted Proteins,
; TITLE OF INVENTION: Nucleic Acid Molecules Encoding Human Secreted Proteins And
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: CLO00839
; CURRENT APPLICATION NUMBER: US/09/711,681
; CURRENT FILING DATE: 2000-11-09
; NUMBER OF SEQ ID NOS: 4
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; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-711-681-4

Query Match      86.7%; Score 26; DB 4; Length 331;
Best Local Similarity 66.7%; Pred. No. 4.2e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LKTRPV 6
Db      72 LKTRPV 77
      |||||

RESULT 15
US-07-748-783-4
; Sequence 4, Application US/07748783
; Patent No. 5314991
; GENERAL INFORMATION:
; APPLICANT: Oka, Satoru
; APPLICANT: Ono, Kazuhisa
; APPLICANT: Shigeta, Seiko
; TITLE OF INVENTION: Recombinant Mite Allergen
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: 301 N. Washington St.
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22046-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/748,783
; FILING DATE: 19910822
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 1422-110P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-241-1300
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; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 341 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-748-783-4

Query Match      86.7%; Score 26; DB 1; Length 341;
Best Local Similarity 83.3%; Pred. No. 4.3e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LKTRPV 6
Db      206 LKTRPV 211
      |||||

Search completed: August 28, 2003, 18:40:14
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